

Date: Thu, 21 Jan 93 20:09:07 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #90  
To: Info-Hams

Info-Hams Digest                      Thu, 21 Jan 93                      Volume 93 : Issue    90

Today's Topics:

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2 Meter Repeater Power Amp Suggetions wanted  
Case needed for HTX-202  
Coax voltage - How to computer?  
Daily Solar Geophysical Data Broadcast for 20 January  
ellicited comment on illegals  
HTs at Disneyland  
illegals (was: Re: Radio Shack Business Band Radio)  
KNWD TS-530S SERVICE MANUAL WANTED  
New Achievement Award Available  
Small Color Camera Wanted-Defects OK, Suggestions Requested  
Taking apart interior trim of '88 Nova for a UHF/VHF ham antenna..  
Voice mail "repeaters" (2 msgs)  
WANTED GE MASTER II MANUAL  
Yaesu distributor/rep?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Thu, 21 Jan 1993 21:35:30 GMT  
From: sgi!fido!odin!jerber.sandiego.sgi.com!jerryb@ames.arpa  
Subject: \*\*\*\*\*  
To: info-hams@ucsd.edu

In article <1993Jan20.160143.1283@nntpd.lkg.dec.com>,  
eustace@athena.lmo.dec.com (Joe Eustace) writes:  
|>

|> I have a 193?, (I think it's a 1937, I left the manual at  
|> home),  
|> Hammerlund Radio, it's original speaker, accessories, and the  
|> original documentation/owners manual.  
|>  
|> It works fine, I live near Worcester Mass., and I was able to  
|> get Radio Tokyo.  
|>  
|> If interested make an offer!  
|>  
|> I can be reached at the address above or,  
|>  
|> Joe Eustace  
|> 13 Newton Street  
|> Auburn, Mass. 01501-2625  
|> (508) 791-3224 (evenings)

You're really going to have to provide more information for anyone to want to make an offer. What is the Hammarlund's model #, is it 100% functional, and is it in decent condition. How about it's physical appearance, is it beat-up, missing knobs, or is it in generally good condition. What frequencies does it cover, etc. etc.

Hammarlund is a good radio with a good reputation and I am interested.

--

~~~~~  
Jerry Bransford  
Silicon Graphics  
(619) 546-0409  
~~~~~

-----  
Date: 21 Jan 93 15:41:52 -0600  
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!srvr1.engin.umich.edu!  
saimiri.primate.wisc.edu!nntp.msstate.edu!memstvx1!kagoos@network.UCSD.EDU  
Subject: 2 Meter Repeater Power Amp Suggetions wanted  
To: info-hams@ucsd.edu

I am looking for suggestions to buy a 2 meter Repeater Power amp. I have looked at several manufacturers including Mirage who make Repeater Power Amplifiers (100% Duty Cycle). The amp should have a drive of about 10 Watts and output of about 100 Watts.

If you have any suggestion's or comments please send me a e-mail message.

Thanks in advance,

Suresh N9GSA

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----- Suresh Kagoo  EE Dept , Memphis State University
| \ / | / -----\ | | | | Engineering 211   | Domain: KAGOOS@MEMSTVX1.MEMST.EDU
| \ / | \ ----- \ | | | | Memphis, TN 38152| Bitnet: KAGOOS@MEMSTVX1
|_| \ / |_| \ -----/ \ -----/ Ph: (901) 678-3696| AX.25 : N9GSA@W4BS.#WESTN.TN.USA
```

-----  
Date: 22 Jan 93 00:21:27 GMT  
From: olivea!charnel!jmeyers@uunet.uu.net  
Subject: Case needed for HTX-202  
To: info-hams@ucsd.edu

In article <1993Jan21.174103.27963@usafa.af.mil> mccormac@pooh.usafa.af.mil  
writes:

> One of the guys I work with got a Radio Shack HT to go along with his license  
> for Christmas. The only real drawback is the lack of a protective case.

Only a recommendation: do not buy the Radio Shack case made for the HTX-202!  
It is a special order item through CMC and it sucks! It is a cheap vinyl  
and plastic thing with huge seams stitched up the sides... and no top-  
the radio just slides in.

--

```
=====
| Jeff Meyers      | jmeyers@ecst.csuchico.edu      | 39x43'N 121x48'W |
| Chico, Ca 95926 | KD6DIS@KE6LW.#NOCAL.CA.USA.NA | Grid: CN80-CM99 ?? |
=====
```

-----  
Date: 21 Jan 93 22:11:39 GMT  
From: crdgv1!rdsunx.crd.ge.com!crd.ge.com!mallick@uunet.uu.net  
Subject: Coax voltage - How to computer?  
To: info-hams@ucsd.edu

In article <C17KuI.2IB@ms.uky.edu>, hgpeach@ms.uky.edu (Harold G. Peach, Jr.)  
writes:

|> A recent posting regarding voltage on twin-lead prompted me to ask  
|> a question I have had for some length of time: How do you compute  
|> the transmitted voltage on a coax, given the power? You have  
|> the impedance of the coax to work with, but some ham friends have  
|> told me SQRT(RP) adjusted for RMS does not yield an accurate transmitted

|> voltage or current.

|> ---

|> Harold G. Peach, Jr.

Home Phone: (606) 271-6393

|> University of Kentucky, Lexington

Campus Phone: (606) 257-3335

|> hgpeach@ms.uky.edu

FAX: (606) 258-5842

|> (Opinions above are expressed as a student of the University of Kentucky)

If the load is purely resistive and matched to the impedance of coax (a VSWR of 1) then

your  $\sqrt{R \cdot P}$  is OK (adjusted for RMS of course). If the load is not purely resistive,

then the easiest way to do this is to use the Smith Chart. Check out some antenna books

or the new ARRL publication on the Smith Chart. If the VSWR is >1, then the voltage and

current on the line are position (and frequency) dependent.

--

John A. Mallick WA1HNL

GE Corporate Research and Development

Schenectady, NY 12301

-----  
Date: 21 Jan 93 08:14:17 GMT

From: news.acns.nwu.edu!zaphod.mps.ohio-state.edu!usc!news.service.uci.edu!  
network.ucsd.edu!news-mail-gateway@network.UCSD.EDU

Subject: Daily Solar Geophysical Data Broadcast for 20 January

To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 020, 01/20/93

10.7 FLUX=110.0 90-AVG=141 SSN=065 BKI=3223 3310 BAI=009

BGND-XRAY=B1.7 FLU1=1.6E+05 FLU10=9.4E+03 PKI=3223 3322 PAI=010

BOU-DEV=034,010,017,027,025,031,005,004 DEV-AVG=019 NT SWF=00:000

XRAY-MAX= B9.8 @ 1314UT XRAY-MIN= B1.4 @ 2325UT XRAY-AVG= B2.1

NEUTN-MAX= +001% @ 2055UT NEUTN-MIN= -004% @ 1740UT NEUTN-AVG= -1.0%

PCA-MAX= +0.1DB @ 2025UT PCA-MIN= -0.3DB @ 0930UT PCA-AVG= -0.0DB

BOUTF-MAX=55417NT @ 1528UT BOUTF-MIN=55400NT @ 2000UT BOUTF-AVG=55410NT

GOES7-MAX=P:+098NT@ 2109UT GOES7-MIN=N:-008NT@ 0853UT G7-AVG=+069,+027,+007

GOES6-MAX=P:+123NT@ 1517UT GOES6-MIN=E:-008NT@ 2201UT G6-AVG=+088,+002,+038

FLUXFCST=STD:105,105,105;SESC:105,105,105 BAI/PAI-FCST=015,005,005/015,010,010

KFCST=3334 4333 1112 3111 27DAY-AP=008,006 27DAY-KP=2333 2221 0223 2231

WARNINGS=

ALERTS=

!!END-DATA!!  
-----

Date: 22 Jan 93 01:54:00 GMT  
From: ogicse!cs.uoregon.edu!sgiblab!zaphod.mps.ohio-state.edu!rpi!  
cary101.its.rpi.edu!mellob@network.UCSD.EDU  
Subject: elicited comment on illegals  
To: info-hams@ucsd.edu

My first irrational response would be to suggest you mind your own business. But there are other ways to discuss this.

First of all, there is no proof that this man "Joe" made these modifications. Nor is there any proof that "Joe" transmitted on these supposedly illegal channels. So in that case, it would be a waste of time for the FCC and a waste of a stamp for you. That's the "technical" side of my comment.

Over here, we have the ethical side. Maybe the term "rat" is strong but I think it would apply here. Is this guy bothering you in actuality? Or is it just the fact that you know he's doing it that's bugging you? In the latter case, I'd just have to say, live

with it. You're not a crusader and you can find better things to do with your time than trying to make the lives of illegal tech's miserable.

From the Ham point of view, I respect the rules (for the most part) the government sets down to retain some sort of order in the radio spectrum. If somebody else doesn't, then that is the FCC's responsibility. There has been quite enough B.S. going around (mostly in QST) about the "HAM COP" and Ham police and all that other related flaming about Hard Guy Hams who "take matters into their own hands." Imagine what would happen to that now-calming situation if us(we?) Hams started interfering not only with our fellow hams as before, but now interfering with other radio services!

Bottom lines:

- a) Not your job, mon.
- b) MYOB

Brett Mellor, N1LAG  
Rensselaer Polytechnic Institute  
Troy, New York

mellob@rpi.edu

my views, blah blah blah blah, not schools.

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Date: 21 Jan 1993 21:16:09 GMT  
From: sun-barr!west.West.Sun.COM!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!  
oversteer!wdh@ames.arpa  
Subject: HTs at Disneyland  
To: info-hams@ucsd.edu

I carried and used my HT at Disneyland last year. Of course I carried it  
in my daypack and didn't use the geek-clip...oops...belt clip.

The Disneyland repeater was open and useful.

...Dennis Henderson, N6TTW

-----

Date: 21 JAN 93 13:27:57  
From: decr1!news.crl.dec.com!dbased.nuo.dec.com!ryn.mro4.dec.com!  
est.enet.dec.com!randolph@decwrl.dec.com  
Subject: illegals (was: Re: Radio Shack Business Band Radio)  
To: info-hams@ucsd.edu

In article <1993Jan20.125802.2749@vax1.mankato.msus.edu>,  
djl@vax1.mankato.msus.edu writes...

>>

>Here is a RS flame but when I was in there the guy said:

>"No problem, just use it no liscense required!"

Yah, this brings up something I've been wondering about. What are we, as hams,  
to do when something like this occurs?

For instance, here in Massachusetts there is a local for sale/wanted magazine,  
one of the catagories of which is "radios and electronics". I very often see  
ads in there like:           Acme 40 channel CB, modified for 100 channels and  
                              increased power. Call Joe 123-4567

I'm extremely tempted to tear out the page, apply a highlighter, and forward it  
to the FCC. Comments, anyone?

-Tom R.   randolph@est.enet.dec.com

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Date: Fri, 22 Jan 1993 01:30:22 GMT  
From: news.service.uci.edu!ucivax!news.claremont.edu!elroy.jpl.nasa.gov!  
sdd.hp.com!swrinde!gatech!concert!fletcher!hominy.cs.unca.edu!  
sampson@network.UCSD.EDU  
Subject: KNWD TS-530S SERVICE MANUAL WANTED  
To: info-hams@ucsd.edu

Im posting this for a fellow ham in my local area. He recently has purchased a TS 530S and would like to acquire the Service Manual for this rig. It would also be interesting to know hw many people actually have the accompanying operating manual? He is willing to pay copying and postage costs. Send all replies to my account sampson@cs.unca.edu

73

Daryl KM4GO

-----  
Date: 21 Jan 1993 22:41:59 GMT  
From: noc.near.net!news.bbn.com!news.bbn.com!news@uunet.uu.net  
Subject: New Achievement Award Available  
To: info-hams@ucsd.edu

The Nashua Area Radio Club (NARC) of Nashua, NH, announces an achievement award for working members of NARC. The intent of the award is to foster friendship, good will and the art of radio communications. Amateurs outside New Hampshire are eligible for the NARC Achievement Award by (1) working at least 10 NARC members on 160 through 6 meters, any mode; (2) working at least 6 NARC members on amateur bands above 6 meters (repeater contacts are not allowed); or (3) working 3 YL NARC members. New Hampshire amateurs are required to work 10 NARC members on 160 through 10 meters, or 15 NARC members on 6 meters and above. A contact with the NARC club station, WB1FFZ, counts as 5 contacts.

Contacts made after 1 January 1993 are required for the award. All applications must be accompanied by QSL card verification (photocopies are acceptable). QSLs must contain call sign, date, band, RST and mode(s) with NO alterations. Each application should be sent with \$3.00 for shipping and handling to:

Award Administrator  
Nashua Area Radio Club  
P.O. Box 248  
Nashua, NH 03061, USA.

All QSLs will be returned with the award certificate.

BTW, look for the club station, WB1FFZ, during the New Hampshire QSO party, February 13 - 14.

73 / JBL N1MNF (award administrator)

=

Nets: levin@bbn.com | "How does a mouse let me move the cursor anywhere  
pots: (617)873-3463 | I want?" "What are address busses?" "How do  
N1MNF | icons work?" --Time-Life Books

-----  
Date: 21 Jan 93 21:41:23 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!emory!  
swrinde!elroy.jpl.nasa.gov!usc!cs.utexas.edu!ut-emx!mac33.util.utexas.edu!  
miles@network.UCSD.EDU  
Subject: Small Color Camera Wanted-Defects OK, Suggestions Requested  
To: info-hams@ucsd.edu

I am looking for a very small, lightweight color TV camera, to send up  
suspended from a kite. I know that low-cost high-quality midget b&w  
cameras are readily available (\$204.50, tel. 800-221-2240, as per January  
73 magazine), but am hoping to find a color one.

I don't mind if it has defects, like a burned spot or two. Don't need a  
camcorder, just a camera.

Does anyone know where to find such a device? Any ideas on how to find  
units rejected by the manufacturer due to a bad pixel or two?

= = = = =  
\_ Miles Abernathy, N5K0B =  
| |\_\_ miles@emx.cc.utexas.edu =  
\_| | POB 7580, Austin TX 78713 =  
\ \* / University of Texas @ Austin =  
 \ / tel. (512) 471-6521 =  
= = = = =

-----  
Date: Thu, 21 Jan 1993 22:25:34 GMT  
From: sdd.hp.com!apollo.hp.com!netnews@network.UCSD.EDU  
Subject: Taking apart interior trim of '88 Nova for a UHF/VHF ham antenna..  
To: info-hams@ucsd.edu

Well, it turned out (after a call to a local auto repair shop) that  
the '88 nova does use spring clips to keep the trim in place.

The appropriate thing to was to insert a flat-head screwdriver under  
the edge of the trim, slide it from side to side until it hit  
something, pry up gently, and repeat until all the clips were free.

Now to find space underneath for the cable..



- Bill / N1FHN

-----  
Date: 21 Jan 93 22:42:42 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Voice mail "repeaters"  
To: info-hams@ucsd.edu

Path: fuzzy!digi!texsun!cronkite.Central.Sun.COM!news2me.EBay.Sun.COM!sun-barr!  
olivea!uunet!spool.mu.edu!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!  
news1.boi.hp.com!swalton  
From: swalton@mail.boi.hp.com (Sean\_Walton; 85U524; x3821)  
Newsgroups: rec.radio.amateur.misc  
Subject: Voice mail "repeaters"  
Summary: Soliciting interest in voice mail repeaters.  
Keywords: voice-mail repeaters shareware  
Message-ID: <C14JE0.Mws@boi.hp.com>

>>

>A friend and I are currently working on a voice mail "repeater". This  
>device will allow any HAM to leave a message with a registered user.  
>This is not a true "repeater" because it will use only one frequency.  
>I am wondering whether the software (and hardware) might be of interest  
>to anyone. I am designing it on a PC. Depending on replies, I am make  
>it either shareware (voluntary contribution) or an actual full-blown  
>software package. Please let me know of any interest.

>

>-Sean Walton  
>KB7RFA  
>swalton@hpbsl12.boi.hp.com

Sounds good, Sean. I've pondered such a capability. One feature I would want  
is a packet TNC interface so that DX spots could be received, translated to  
voice, and put into appropriate repeater mailboxes for people to pick up  
later. What do you think?

Kris, AA5U0                    '~ ~`  
mrz@rockdal.aud.alcatel.com    L  
                                 J

-----  
Date: Thu, 21 Jan 1993 21:55:46 GMT  
From: usc!howland.reston.ans.net!europa.asd.contel.com!gatech!gsusgi1.gsu.edu!  
gsusgi1.gsu.edu!regmad@network.UCSD.EDU  
Subject: Voice mail "repeaters"  
To: info-hams@ucsd.edu

swalton@mail.boi.hp.com (Sean\_Walton; 85U524; x3821) writes:

>Addendum:

>I forgot to mention that I am developing this around a Sound Blaster card.  
>This is mostly software (a DTMF interface has to be built), so what I am  
>offering is the compiled code (and schematics). The Sound Blaster has  
>several versions, but the voice mail system will NOT use any special  
>feature. Therefore, the cheapest card can be used.

>-Sean Walton  
>KB7RFA

I have been thinking about the same idea ( ie. using  
and inexpensive sound card for a voice main and simplex  
repeater applications.)

I was basing the development around the Lantastic Sounding  
board which for me is less expensive.

The biggest problem is not to QRM other stations.

RADIO (simplex) ----- Sound card ---- PC  
DTMF  
Keying

My thought was to interface a dtmf chip to the parallel  
port ( have done this and is easy ).

The radio is keyed by a sound activated relay so when the  
sound card speaks the radio is keyed.

The sound card listens ( using software ) before it speaks to  
ensure it does not QRM other stations.

Simplex repeater psuedo code:

```
while ( not_done )           // do code until terminated
{
  while ( no_sound )         // wait for calling station
    if ( time_to_id )        // is it time to id
      play_id
  while ( sound AND time_not_exceeded ) // record until done or
    record                   station times out.
```

```

if ( record_time = max_time AND this is the 5th time in 10 min )
  do_nothing          // This is a safety net to ensure if
else                  there is heavy static that breaks
  {                   the sql you don't just repeat it.
    While ( frequency_in_use ) // Don't QRM others or a long winded ham
      do_nothing
    play_back
  }
}

```

```

/-----/-----/-----/-----/
/-----/-----/-----/-----/
/-----/-----/-----/-----/
/-----/-----/-----/-----/

```

Michael A. de Kraker  
 Georgia State University 404-651-2390  
 Internet:REGMAD@GSUSGI2.GSU.EDU  
 BITNET :REGMAD@GSUVM1 PACKET:KD4FKW@W4QO

To iterate is human, to recurse devine

-----  
 Date: 21 Jan 93 21:45:49 GMT  
 From: news.service.uci.edu!mothra.nts.uci.edu!lockhart@network.UCSD.EDU  
 Subject: WANTED GE MASTER II MANUAL  
 To: info-hams@ucsd.edu

In article <1993Jan21.192208.1851@cbnewsm.cb.att.com> nk30@cbnewsm.cb.att.com (JEFF ZELL NK30) writes:

> My club is looking for a manual for the GE MASTER II commerical radio.  
 >If you have one or know where I can get one please e-mail me. thanks  
 > Jeff Zell NK30

Write to:

Ericsson GE Mobile Communications  
 Lynchburg, VA 24502

Ask for Maintenance Manual # LBI-30756.

~jack\_

```

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
|      Jack C. Lockhart      << SNAILMAIL      |
|      Radio Systems Engineer      E-MAIL > LOCKHART@uci.edu      |
|      OAC-Network & Telecomm Services      !BANG! > ...!ucbvax!ucivax!lockhart      |
|      2209 Central Plant Building      HAM > WD6AEI      |
|      University of California, Irvine      AMPR > WD6AEI@n0ary.#nocal.ca.usa.na      |
|      Irvine, CA 92717-5475      VOICE > (714) 856-8477      |

```

```

|                U.S.A                FAX > (714) 725-2270                |
\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//\\//
  "And in the beginning there was nothing.  And God said, 'let there be
  light'.  And there was still nothing, BUT you could see IT!"  -Anonymous
/   o o o o o o o . . .   -----=====\\_
  o   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
  .][__n_n_|DD[  ===_   |   |   |   |   |   |   |   |   |   |   |   |   |
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Date: Thu, 21 Jan 1993 21:31:38 GMT  
 From: overload.lbl.gov!agate!spool.mu.edu!sdd.hp.com!saimiri.primate.wisc.edu!  
 zaphod.mps.ohio-state.edu!howland.reston.ans.net!sol.ctr.columbia.edu!The-  
 Star.honeywell.com!umn.@dog.ee.lbl.gov  
 Subject: Yaesu distributor/rep?  
 To: info-hams@ucsd.edu

I need to buy a half-dozen (possibly more) Yaesu  
 YH-1 headsets. The local ham store doesn't stock  
 that many, and why pay retail anyway? Directory  
 assistance says there's no Yaesu listed in the  
 408 area code. Where are they? Thanks.

--  
 "Why my thoughts are my own, when they are in, but when they are out  
 they are another's." - Susannah Martin, hanged for witchcraft, 1692.  
 Thomas David Kehoe                    kehoe@netcom.com                    (408) 354-5926

-----

Date: 21 Jan 93 18:27:37 EST  
 From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
 To: info-hams@ucsd.edu

References <1993Jan20.175010.26974@convex.com>, <fred-  
 mckenzie-200193151838@k4dii.ksc.nasa.gov>,  
 <1993Jan21.125436.4514@klaava.Helsinki.FI>  
 Subject : Re: running 300-ohm twinlead thru wood

In article <1993Jan21.125436.4514@klaava.Helsinki.FI>,  
 stickler@klaava.Helsinki.FI (Patric M Stickler) wrote:  
 > I have a similar situation in that I intend to run 450ohm twin lead  
 > through a wooden window frame -- but will I have a problem with arcing  
 > if I'm only running 100-150 watts??

Patrick-

I don't have personal experience with the 450 ohm twin lead. However, it is frequently used with an antenna tuner and an antenna that is not resonant. It may have considerable standing waves in that application. In that case, voltage might be quite high at some points along the feedline. I wouldn't recommend it for that use, unless it were kept away from any potentially conductive surfaces.

Used where the load was matched (450 ohms resistive), RMS voltage would be 21.2 times the square root of Power, or about 260 volts for 150 watts. If the 450 ohm twin lead was open-wire construction, the only insulation might be the paint on the window frame. I'd say arcing was quite likely. For plastic-insulated twin lead, it depends on the voltage rating of the insulation, at the frequency of operation.

For safety, I'd recommend some kind of thick plastic be used to sandwich the twinlead where it would touch the window frame.

[fred-mckenzie@ksc.nasa.gov](mailto:fred-mckenzie@ksc.nasa.gov)

-----  
Date: Thu, 21 Jan 1993 23:26:46 GMT  
From: [gatech!usenet.ins.cwru.edu!ukma!miles@uunet.uu.net](mailto:gatech!usenet.ins.cwru.edu!ukma!miles@uunet.uu.net)  
To: [info-hams@ucsd.edu](mailto:info-hams@ucsd.edu)

References <[HIDEG.93Jan19185621@spsd630a.erim.org](mailto:HIDEG.93Jan19185621@spsd630a.erim.org)>,  
<[1jknelINNprk@mthvax.cs.miami.edu](mailto:1jknelINNprk@mthvax.cs.miami.edu)>, <[1993Jan21.150714.4815@bongo.tele.com](mailto:1993Jan21.150714.4815@bongo.tele.com)>2  
Subject : Re: HTs at Disneyland

This reminds me of a quote by Henry Kessinger:

"The illegal we do immediately, the unconstitutional takes longer."

Kind of sums up the attitude of those in power in our government. IMHO.

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